

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060
F 202.293.7860

www.sughrue.com

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SUGHRUE MION, PLLC

March 23, 2004

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: Application of Mitsuaki HIROKAWA, Masaaki ANDO, Shinichi CHIKURA and
Satoru ISHIHARA
SPIRAL SEPARATION MEMBRANE ELEMENT
Assignee: **NITTO DENKO CORPORATION**
Our Ref. Q80574

Dear Sir:

Attached hereto is the application identified above comprising fourteen (14) sheets of the specification, including the claims and abstract, three (3) sheets of drawings, a preliminary amendment, a copy of the executed Assignment and PTO 1595 form, and a copy of the executed Declaration and Power of Attorney.

The Government filing fee is calculated as follows:

Total claims	4 - 20	=	x	\$18.00	=	\$0.00
Independent claims	1 - 3	=	x	\$86.00	=	\$0.00
Base Fee						\$770.00
Multiple Dependent Claim Fee						\$290.00
TOTAL FILING FEE						\$1060.00
Recordation of Assignment						\$40.00
TOTAL FEE						\$1100.00

Checks for the statutory filing fee of \$1060.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.



SUGHRUE MION, PLLC

Attorney Docket No. Q80574

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Priority is claimed from:

Country

Application No

Filing Date

Japan

2003-099954

April 3, 2003

The priority document is enclosed herewith.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By:

John Callahan Reg. No. 32,607
Mark Boland
Registration No. 32,197

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

Facsimile: (202) 293-7860

WASHINGTON OFFICE

23373

CUSTOMER NUMBER